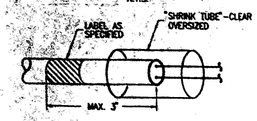
TYPICAL CABLE LABELING METHOD

N.T.S.



- APPLY LABEL TO OUTER JACKET OF CABLE. MAXIMUM OF 3" FROM STRIPPED END AS SHOWN NOT TO BE COVERED BY OVERSIZED SHRINK.
- DETAIL APPLIES TO ALL CABLE TYPES

CIRCUIT LEGEND:

CIRCUIT DESIGNATION

STR-A
OR
STR-A

CABLE IDENTIFICATION TAG. LIGHT TEXT REPRESENTS EXISTING CABLE TAG TO REMAIN, HEAVY TEXT REPRESENTS THE TAG (BRADY LABEL #WML-305-292 O.A.E.) TO BE FURNISHED & INSTALLED.

TYPE OF CIRCUIT. — CIRCUIT NUMBER OR NAME.

STR	- STROBE CIRCUIT.	A TO G	- STROBE OR SPEAKER CIRCUIT NUMBER
SPK	- SPEAKER CIRCUIT.	ATC	- CIRCUIT TO ADDRESSABLE TERMINAL STRIP CABINET.
ALD	- ALD LOOP DEVICE CIRCUIT (EXCEPT SMOKE DETECTOR).	PS	- CIRCUIT TO PULL STATIONS.
		ELEV	- CIRCUIT TO ELEVATOR LOBBY AND ELEVATOR MACHINE ROOM SMOKE DETECTORS
TEL	- TELEPHONE CIRCUIT.		
SD	- SMOKE DETECTOR CIRCUIT.	HVAC	- CIRCUIT TO HVAC SMOKE DETECTOR
12D	- CABLE PAIR #12 RUNNING DOWN TO TSC-I/F (FLOOR BELOW).	APEA	- CIRCUIT TO OPEN AREA SMOKE DETECTOR
		IC	- INTERFACE CABINET CIRCUIT
12U	- CABLE PAIR #12 RUNNING UP TO TSC-I/F (FLOOR ABOVE).	MPJ	- MAINTENANCE PHONE JACK CIRCUIT
		WP	- WARDEN TELEPHONE CIRCUIT
12M	- CABLE PAIR #12 RUNNING FROM MXLRV (TRANSPONDER).	SJ	- STAND PIPE PHONE JACK CIRCUIT

TERMINATION LEGEND (EXISTING, REMOVAL AND ADDITIONS)

TB5 — TERMINAL BLOCK STRIP NUMBER 5

- EXISTING TERMINAL BLOCK WITH THE BLOCK NUMBERING.
- EXISTING #14 (U.O.N.) CONDUCTOR OR DRAIN WIRE TO REMAIN CONNECTED.
- #14 CONDUCTOR OR DRAIN WIRE TO BE DISCONNECTED AND REMOVED AS SHOWN ON EXISTING AND REMOVAL BLOCK WIRING DIAGRAM.
- #14 CONDUCTOR OR DRAIN WIRE TO SHAPE, LABEL AND CONNECTED AS SHOWN ON EXISTING, RELOCATIONS AND ADDITIONS BLOCK WIRING DIAGRAM.

+ (R) 5 — 27U5

CONDUCTOR OR DRAIN WIRE IDENTIFICATION TAG. LIGHT TEXT REPRESENTS EXISTING CONDUCTOR TAG TO REMAIN, HEAVY TEXT REPRESENTS THE TAG (BRADY LABEL #WML-205-292-1 O.A.E.) TO BE FURNISHED AND INSTALLED.

27 U 5
- INDICATES TERMINAL BLOCK NUMBER.
- INDICATES DESTINATION OF CIRCUIT CABLE.
  - U - FOR CABLE RUN TO TSC AT FLOOR ABOVE
  - D - FOR CABLE RUN TO TSC AT FLOOR BELOW
  - M - FOR CABLE RUN TO MXLRV
  - F - FOR CABLE RUN TO DEVICE(S) ON THE FLOOR
- INDICATES CABLE PAIR NUMBER.
  - 1-4 - FOR ALD LOOP CIRCUIT
  - 5-11 - FOR STROBE CIRCUIT
  - 12-17 - FOR TELEPHONE CIRCUIT
  - 18-26 - FOR STROBE CIRCUIT
  - 27-42 - FOR SPEAKER CIRCUIT

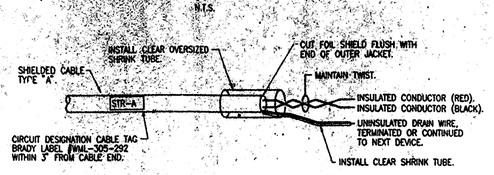
TERMINAL BLOCK NUMBERING TAG. ADDITIONAL MARKINGS ARE FOR INFORMATION ONLY.

+ (R) 5
- INDICATES TERMINAL BLOCK NUMBER BRADY LABEL # TB02-502-281 (O.A.E.)
- INSULATION COLOR OF THE CONDUCTOR. (R) - RED (B) - BLACK

POLARITY
+ - POSITIVE
- - NEGATIVE
S - SHIELD/DRAIN

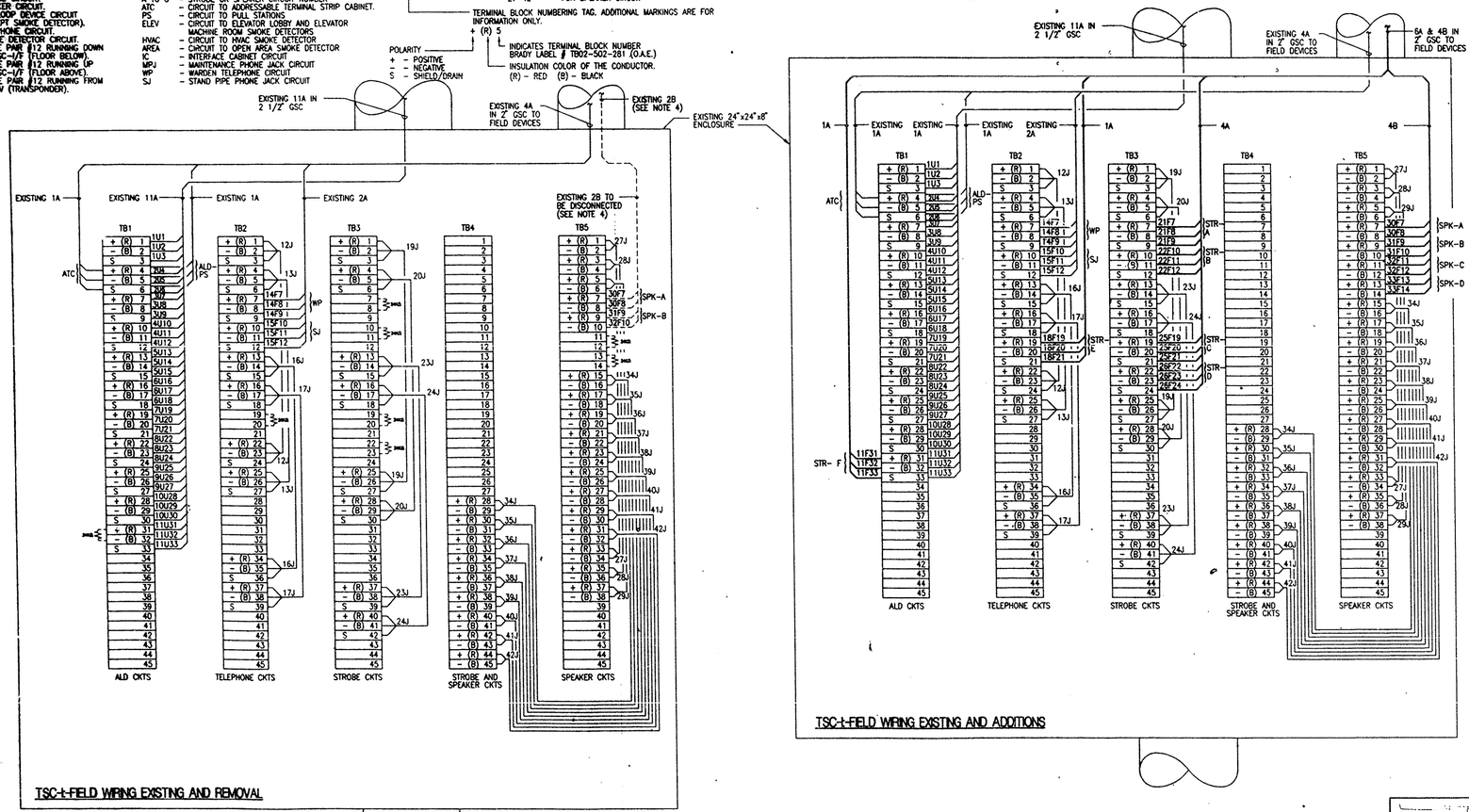
TYPICAL SHIELD/DRAIN INSULATING METHOD "A"

N.T.S.



NOTES:

1. FOR LEGEND, ABBREVIATIONS & GENERAL NOTES, SEE DWG F-1-2-1
2. ALL SHIELDS MUST BE ISOLATED FROM GROUND. APPROVED "SHRINK" TUBING SHALL BE USED ON ALL DRAIN CONDUCTORS. SEE TYPICAL SHIELD/DRAIN INSULATING METHOD "A" ON THIS DWG.
3. ALL WIRING SHALL BE FREE OF GROUND FAULTS, OPENS, SHORTS & STRAY VOLTAGES.
4. DISCONNECT AND COMPLETELY REMOVE CABLES FROM TSC CABINET. ALL WORK SHALL BE DONE IN THE PRESENCE OF THE ENGINEER.



TSC-I-FIELD WIRING EXISTING AND REMOVAL

TSC-I-FIELD WIRING EXISTING AND ADDITIONS

TSC-I CABINET BLOCK WIRING DIAGRAM

NOT TO SCALE

NOTES:

1. FINAL CONNECTIONS IN THE TSC CABINET SHALL BE MADE BY THIS CONTRACTOR. THE CONTRACTOR SHALL STRIP, SHRINK, SHAPE AND LABEL TO DESIGNATED TERMINAL. TERMINATION WILL BE AS DIRECTED BY THE ENGINEER.

THE PORT AUTHORITY OF NY & NJ

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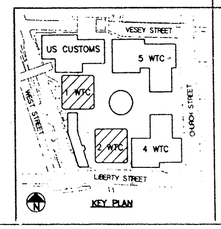
No.	Date	Revision	Approved
1	6/24/98	AS BID	DC

Engineering Department
Design Division
The World Trade Center

Title

TOWER 2
FLOOR 44
FIRE ALARM
STC-1 BLOCK
WIRING DIAGRAM



KEY PLAN

This drawing subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

F.D	F.D.	4565.000
Designed by	Drawn by	JRLA JOB No.
4/27/98	P.E.N.	3/32"=1'-0"
Date	Checked by	Scale

Contract Number: WTC-857.090

Drawing Number: F-2-44-4